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NPIC/R-1118/63

February 1963

PHOTOGRAPHIC INTERPRETATION REPORT

IPIR
BRASS KNOB MISSION 3449
25 FEBRUARY 1963



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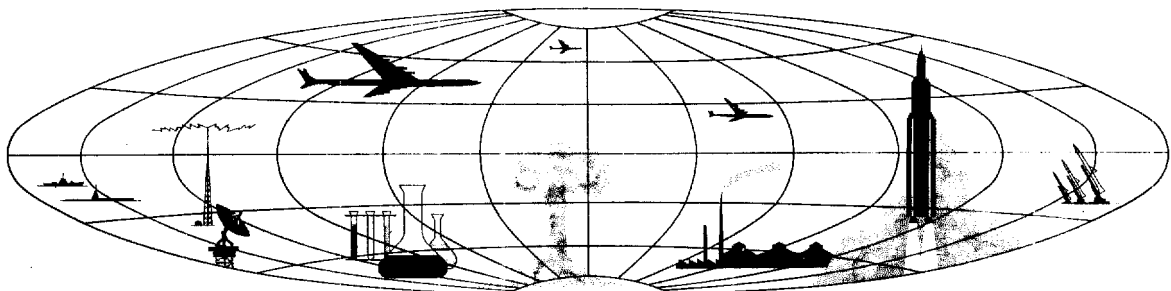


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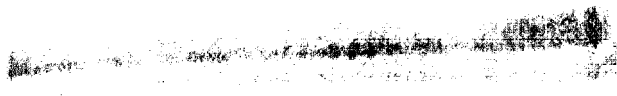


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IMMEDIATE PHOTOGRAPHIC INTERPRETATION REPORT

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM BRASS KNOB MISSION 3449, DATED 25 FEBRUARY 1963. THE NUMBER APPEARING AT THE END OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

-MISSILES-

SAN CRISTOBAL MRBM SITE 1 2240N 08317W

25X1A

25X1D NO APPARENT CHANGE.

SAN CRISTOBAL MRBM SITE 3 2242N 08308W

25X1D NO APPARENT CHANGE.

GUANAJAY IRBM SITE 1 2257N 08239W

25X1D NO ACTIVITY OBSERVED.

SAGUA LA GRANDE MRBM SITE 1 2243N 08001W

25X1D NO ACTIVITY OBSERVED IN CLOUD-FREE AREA.

SAN CRISTOBAL MRBM SITE 4 2246N 08258W

25X1D NO APPARENT CHANGE.

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25X1A

GUANAJAY IRBM SITE 2 2257N 08236W

25X1D SITE ABANDONED. NO ACTIVITY OBSERVED.

TAPASTE AREA, STORAGE SITES 2303N 08207W

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREAS.

SANTO TOMAS AREA, SUSPECT SSM ACTIVITY 2233N 08351W

25X1D NO MISSILE ACTIVITY OBSERVED.

BARTOLOME, SUSPECT SSM ACTIVITY 2226N 07934W

25X1D NO MISSILE ACTIVITY OBSERVED.

SALAMANCA, SUSPECT SSM ACTIVITY 2227N 07940W

25X1D NO MISSILE ACTIVITY OBSERVED.

BELLAMAR, SUSPECT SSM ACTIVITY 2302N 08133W

25X1D NO MISSILE ACTIVITY OBSERVED.

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MATANZAS CITY, LA CUMBRE ALTA 2304N 08133W

25X1D NO MILITARY ACTIVITY OBSERVED.

25X1D

SAN JULIAN AIRFIELD SAM SITE 2205N 08409W

25X1D SITE CONTAINS 6 REVETTED, CANVAS-COVERED LAUNCHERS AND
THREE CANVAS-COVERED HOLD POSITIONS. GUIDANCE AREA
CONTAINS 4 VANS AND CANVAS-COVERED RADAR.

25X1A

LA COLOMA SAM SITE 2218N 08332W

25X1D SIX OCCUPIED LAUNCH REVETMENTS, 7 CANVAS-COVERED
MISSILE TRANSPORTERS, AND OCCUPIED GUIDANCE AREA.

MARIEL SAM SITE 2300N 08249W

25X1D SIX REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS,
AND CANVAS-COVERED GUIDANCE AREA OBSERVED.

BAHIA HONDA SAM SITE 2257N 08317W

25X1D SIX REVETTED LAUNCHERS, 7 MISSILE TRANSPORTERS, AND
OCCUPIED GUIDANCE AREA OBSERVED.

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25X1A

HAVANA SAM SITE 2309N 08213W

25X1D SITE CONTAINS 6 LAUNCHERS, HOLD AREA, AND GUIDANCE AREA -- ALL UNREVIEWED AND CANVAS COVERED.

SAGUA LA GRANDE SAM SITE 2251N 08005W

25X1D SIX REVIEWED LAUNCHERS. GUIDANCE AREA IS CANVAS COVERED. SCATTERED CLOUDS PRECLUDE FURTHER INTERPRETATION.

CAIBARIEN SAM SITE 2228N 07929W

25X1D SIX UNREVIEWED LAUNCHERS, HOLD POSITIONS, AND GUIDANCE AREA ARE ALL CANVAS COVERED.

DELEITE SAM SITE 2259N 08045W

25X1D SIX CANVAS-COVERED LAUNCHERS AND CANVAS-COVERED GUIDANCE RADAR OBSERVED IN CLOUD-FREE AREA.

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA 2257N 08221W

25X1D SIX MISSILE TRANSPORTERS WITH PRIME MOVERS, 21 EMPTY MISSILE TRANSPORTERS, 9 VEHICLES, AND SEVERAL CANISTERS OBSERVED.

PINAR DEL RIO SAM ASSEMBLY AREA 2221N 08339W

25X1D SITE CONTAINS 20 EMPTY MISSILE TRANSPORTERS WITH PRIME MOVERS.

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25X1A

LOMA DE TIERRA, MILITARY CAMP 2301N 08213W

25X1D SITE CONTAINS 9 LOWBOY TRAILERS AND APPROXIMATELY
250 VEHICLES.

MANAGUA SAM SITE 2259N 08215W

CONSTRUCTION CONTINUES.

25X1D

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE 2309N 08156W

25X1D

NO APPARENT CHANGE.

CAMPO FLORIDA CRUISE-MISSILE SITE 2306N 08211W

25X1D

SITE CONTAINS TWO OCCUPIED LAUNCH POSITIONS, ONE OF WHICH IS ENCLOSED BY A CANVAS FENCE, 9 PRIME MOVERS 8 OF WHICH ARE CANVAS COVERED, ONE VEHICLE REVETMENT, 4 MISSILE CRATES, 10 CANVAS-COVERED TRANSPORTERS, ONE SMALL AND 2 MEDIUM TENTS, AND APPROXIMATELY 20 VEHICLES.

25X1A

GUERRA POSSIBLE CRUISE-MISSILE SITE 2300N 08250W

25X1D

ELEVEN PROBABLE MISSILE TRANSPORTERS, 46 CRUISE-MISSILE CRATES, AND APPROXIMATELY 200 VEHICLES OBSERVED.

-AIRFIELDS-

CAMILO CIENFUEGOS AIRFIELD 2229N 07955W

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25X1D AIRCRAFT -- 26 FISHBED, AND 9 FAGOT/FRESCO VISIBLE.

[REDACTED]

SAN ANTONIO DE LOS BANOS AIRFIELD 2252N 08231W

25X1A

25X1D

AIRCRAFT -- 18 FAGOT/FRESCO, 2 FARMER, 2 CRATE,
3 CAB, 2 T-6, 11 B-26, 2 COLT, AND 6 SINGLE-ENGINE
VISIBLE.

[REDACTED]

SAN JULIAN AIRFIELD 2206N 08409W

25X1D

AIRCRAFT -- NONE OBSERVED.

[REDACTED]

JOSE MARTI INTERNATIONAL AIRFIELD 2300N 08224W

25X1D

AIRCRAFT -- ONE VISCOUNT, ONE LODESTAR, ONE CLEAT,
ONE B-26, ONE T-6, ONE C-46, 2 BRITANNIA, 2 CRATE,
2 C-54, 3 CONSTELLATION, 4 C-47, AND 5 LIAISON
VISIBLE.

[REDACTED]

CAMPO LIBERTAD AIRFIELD 2306N 08226W

25X1D

AIRCRAFT -- 6 COLT AND 43 LIAISON-TYPE VISIBLE.

[REDACTED]

MARIEL NAVAL AIR STATION 2300N 08246W

25X1D

AIRCRAFT -- NONE OBSERVED.

[REDACTED]

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25X1A

PLAYA BARACOA AIRFIELD 2302N 08235W

25X1D AIRCRAFT -- ONE CAB, ONE CRATE, 2 HARE, AND
36 HOUND VISIBLE.

MANAGUA AIRFIELD 2258N 08217W

25X1D AIRCRAFT -- NONE OBSERVED.

PINAR DEL RIO AIRFIELD 2225N 08341W

25X1D AIRCRAFT -- 3 LIAISON.

-PORTS-

MARIEL PORT 2301N 08245W

25X1D VESSELS -- 12 PGMG (KOMAR CLASS), 2 PF, AND 2 PC
OBSERVED.

NUEVA GERONA PORT 2153N 08248W

25X1D NO LARGE VESSELS OBSERVED.

LA ISABELA PORT 2256N 08001W

VESSELS -- 2 LARGE FREIGHTERS.
NO MILITARY EQUIPMENT OBSERVED.

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25X1D

[REDACTED]

25X1A

CAIBARIEN PORT 2232N 07928W

NO LARGE VESSELS OR UNUSUAL MILITARY ACTIVITY
OBSERVED. ONE LABINSK-CLASS FREIGHTER AND ONE
UNIDENTIFIED FREIGHTER ANCHORED 14 NM NNE JUST WEST
25X1D OF CAYO FRANCES.

[REDACTED]

CARDENAS PORT 2302N 08112W

25X1D NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.

[REDACTED]

SANTA LUCIA PORT 2240N 08358W

25X1D NO LARGE VESSELS OBSERVED.

[REDACTED]

MATANZAS PORT 2303N 08134W

25X1D ONE KRASNOGRAD-CLASS FREIGHTER AT NEW WHARF. ALL
HATCHES ARE OPEN AND BOOMS ARE ACTIVE. SEVEN
BOXCARS ARE ALONGSIDE ON PIER. TWO OTHER FREIGHTERS
OBSERVED DOCKED AT DUBROCK WHARF.

[REDACTED]

25X1A

SURGIDERO DE BATABANO PORT 2241N 08218W

25X1D NO LARGE VESSELS OBSERVED.

[REDACTED]

HAVANA PORT 2308N 08221W

25X1A

33 LARGE FREIGHTERS (INCLUDING THE [REDACTED] -- ONE
HATCH OPEN AND BOOMS ACTIVE -- DOCKED AT BURRUS WHARF
AND THE [REDACTED] ANCHORED IN

25X1A

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25X1D HARBOR -- HATCHES CLOSED AND ONE BOOM ACTIVE). SEVEN
MEDIUM FREIGHTERS, 2 MEDIUM TANKERS, 6 COASTAL
FREIGHTERS, 2 PC [REDACTED], 2 PF, AND 7 PT,
INCLUDING ONE ON MARINE RAILWAY. APPROXIMATELY 85
VEHICLES PARKED NEAR MACHINA PIER, APPROXIMATELY 40
VEHICLES PARKED NEAR WARD LINE PIER. NO APPARENT
CHANGE IN VEHICLE COUNT IN VEHICLE PARK SOUTH OF THE
25X1D HARBOR.

[REDACTED]

25X1A

LA COLOMA PORT 2214N 08334W

25X1D NO LARGE VESSELS OR MILITARY EQUIPMENT OBSERVED.
[REDACTED]

CABANAS PORT 2259N 08256W

25X1D VESSELS -- ONE LARGE FREIGHTER.
[REDACTED]

BAHIA HONDA PORT 2255N 08311W

25X1D NO VESSELS OBSERVED IN CLEAR AREAS.
[REDACTED]

-ELECTRONICS-

HAVANA AREA, COMMUNICATIONS CENTER 2300N 08226W

25X1D NO APPARENT CHANGE IN FACILITIES. TWENTY-FOUR
VEHICLES OBSERVED.
[REDACTED]

25X1D
[REDACTED]

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25X1D
[REDACTED]

-MILITARY ACTIVITY-

25X1A
[REDACTED]

PINAR DEL RIO, MILITARY CAMP 2223N 08342W

25X1D APPROXIMATELY 45 UNIDENTIFIED VEHICLES.
[REDACTED]

LA FLORA AREA, MILITARY STORAGE 2252N 08233W

25X1D NO APPARENT CHANGE. NO VEHICLES OBSERVED.
[REDACTED]

ARTEMISA, MILITARY CAMP 2251N 08248W

25X1D 6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED. NO CHANGE
IN COUNT OR DEPLOYMENT OF FROG MISSILE TRANSPORTERS.
HEAVY CLOUDS AND HAZE PRECLUDE FURTHER INTERPRETATION.
[REDACTED]

25X1A
[REDACTED]

LA BOCA, MILITARY CAMP 2301N 08242W

25X1D APPROXIMATELY 12 VEHICLES OBSERVED.
NO CHANGE IN FACILITIES.
[REDACTED]

BAHIA HONDA, MILITARY CAMP 2258N 08311W

25X1D NO APPARENT CHANGE.
[REDACTED]

CABANAS AREA, MILITARY CAMP 2256N 08252W

25X1D NO APPARENT CHANGE IN CLOUD-FREE AREA.
[REDACTED]

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25X1A

REMEDIOS AREA, MILITARY CAMP 2227N 07934W

25X1D

THE FOLLOWING ITEMS WERE OBSERVED IN CLOUD-FREE PORTIONS -- 41 TANKS/SP GUNS, 9 SNAPPERS, ONE PROBABLE FROG MISSILE TRANSPORTER, 2 PROBABLE FROG LAUNCHERS, 7 UNIDENTIFIED TRACKED VEHICLES, 11 UTILITY TRUCKS, AND 82 CARGO TRUCKS. 6-GUN AAA SITE REMAINS OCCUPIED.

25X1A

MINAS, AMMUNITION STORAGE AREA 2307N 08212W

25X1D

NO APPARENT CHANGE IN FACILITIES. A CANVAS-COVERED OBJECT NEAR THE ENTRANCE TO EACH OF 4 OF THE BUNKERS.

25X1A

HAVANA, AMMUNITION STORAGE AREA 2301N 08226W

25X1D

NO APPARENT CHANGE.

SANTIAGO DE LAS VEGAS AREA, MILITARY CAMP 2258N 08220W

25X1D

FORTY LARGE, 7 MEDIUM, AND 11 SMALL TENTS, 11 TANKS/ SP GUNS, 4 PROBABLE FROG MISSILE TRANSPORTERS, 15 CARGO TRUCKS, 6 UTILITY TRUCKS, 3 CARGO TRAILERS, 35 MISCELLANEOUS VEHICLES OBSERVED IN MAIN AREA. NUMEROUS VEHICLES/EQUIPMENT PARKED IN ROWS IN HEAVILY WOODED AREA. 6-GUN AND 9-GUN AAA SITES REMAIN OCCUPIED.

25X1A

TORRENS, MILITARY COMPLEX 2259N 08228W

REFORMATORY PROPER -- 20 LARGE, 10 MEDIUM, AND 2 SMALL TENTS, 9 VAN TRUCKS, AND 5 CARGO TRUCKS OBSERVED.

MOTOR PARK AND BILLETING AREA .3 NM SOUTH -- 11 LARGE,

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17 MEDIUM, AND ONE SMALL TENT, 78 CARGO TRUCKS, 66 VAN TRUCKS, 52 UNIDENTIFIED VEHICLES, 22 UTILITY TRUCKS, 6 PRIME MOVERS, AND 23 CARGO TRAILERS. MOTOR PARK .7 NM SSW -- APPROXIMATELY 96 VEHICLES IN AREA.

MOTOR PARK .9 NM SE -- 34 CARGO TRUCKS, 9 CARGO TRAILERS, AND 136 UNIDENTIFIED VEHICLES.

AAA SITE 1.5 NM SSE -- AAA SITE REMAINS UNOCCUPIED WITH 6 AAA GUNS PARKED NEARBY. TWO LARGE AND ONE MEDIUM TENT, 12 CARGO TRUCKS, 4 UNIDENTIFIED VEHICLES AND 10 PRIME MOVERS OBSERVED.

BILLETING AREA 1.9 NM SOUTH -- 12 LARGE, 6 MEDIUM, AND 10 SMALL TENTS, 11 CARGO TRUCKS, AND 60 UNIDENTIFIED VEHICLES.

25X1D

MOTOR POOL 1.2 NM SW -- 12 PROBABLE TANKS, 7 UNIDENTIFIED VEHICLES AND 17 CARGO TRUCKS.



SANTA CLARA AREA, MILITARY ACTIVITY 2221N 07957W

25X1D NO APPARENT CHANGE.



MADRUGA, POL STORAGE 2256N 08149W

25X1D

NUMEROUS VEHICLES/EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.



LIMONAR AREA, MILITARY CAMP 2256N 08124W

25X1D

NO APPARENT CHANGE.



MANAGUA, MILITARY CAMP 2258N 08217W

CAMP CONTAINS 37 PRIME MOVERS, 37 LOWBOY TRAILERS, 38 PROBABLE TANKS, 25 OF WHICH ARE ON THE LOWBOYS IN NORTH VEHICLE PARK, AND APPROXIMATELY 375 VEHICLES.

25X1A



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25X1D

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CASCAJAL, MILITARY AREA 2240N 08031W

25X1A

25X1D

NO APPARENT CHANGE.

SANTA FE AREA, MILITARY ACTIVITY 2143N 08249W

25X1D

NO NEW MILITARY ACTIVITY OBSERVED.

JOVELLANOS, MILITARY AREA 2248N 08112W

25X1D

NO APPARENT CHANGE.

CAMPO FLORIDA, MILITARY CAMP 2307N 08206W

25X1D

FIFTEEN CANVAS-COVERED TANKS/SP GUNS AND
8 UNIDENTIFIED VEHICLES OBSERVED.

BAJURAYABO AREA, MILITARY CAMP 2308N 08210W

25X1D

NUMEROUS VEHICLES OBSERVED IN CLOUD-FREE AREAS.

GUANABACOA, MILITARY AREA 2307N 08215W

25X1D

EASTERNMOST AREA CONTAINS 12 BUILDINGS, APPROXIMATELY
36 FA PIECES, AND APPROXIMATELY 50 VEHICLES.
WESTERNMOST AREA CONTAINS APPROXIMATELY 17 FA PIECES,
APPROXIMATELY 35 VEHICLES, AND 12 BUILDINGS.

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25X1D

[REDACTED]

25X1A

MESTANZA, EXPLOSIVES STORAGE SITE 2228N 08347W

AN EARTH-COVERED STORAGE BUNKER LOCATED ONE NM NW OF
PREVIOUSLY REPORTED FENCED AREAS AT 22-28-30N
083-48-35W.

25X1D

[REDACTED]

25X1A

SPECIAL AREA ALPHA 2258N 08227W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

SPECIAL AREA HOTEL 2301N 08246W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

SPECIAL AREA BRAVO BLUE 2250N 08233W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

SPECIAL AREA BRAVO RED 2254N 08231W

NO APPARENT CHANGE IN CLOUD-FREE AREAS.

25X1D

[REDACTED]

SPECIAL AREA VICTOR 2300N 08234W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

[REDACTED]

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SPECIAL AREA TANGO 2258N 08244W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

TARARA LANDING BEACH 2310N 08212W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

MATANZAS LANDING BEACH 2301N 08126W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

VARADERO LANDING BEACH 2308N 08118W

25X1D NO NEW MILITARY ACTIVITY OBSERVED.

HAVANA AREA, MILITARY CAMP 2301N 08218W

AREA 1 AND 2 -- NO APPARENT CHANGE.
AREA 3 CONTAINS 10 PROBABLE TANKS/SP GUNS,
APPROXIMATELY 20 UNIDENTIFIED VEHICLES, ONE LONG
BUILDING AND 13 SMALL BUILDINGS.

25X1D

-MISCELLANEOUS ACTIVITY-

SAN FRANCISCO DE PAULA, MUNITIONS STGE SITE 2303N 08218W

25X1D NO APPARENT CHANGE.

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25X1A

MANAGUA, MUNITIONS STORAGE SITE 2258N 08218W

25X1D NO APPARENT CHANGE. THREE VEHICLES OBSERVED.

BEJUCAL, MUNITIONS STORAGE SITES 2256N 08223W

25X1D NO APPARENT CHANGE IN BUNKER NE OF BEJUCAL. CLOUDS PRECLUDE FURTHER INTERPRETATION.

SANTA CLARA AREA, MILITARY INSTALLATION 2224N 07953W

25X1D NO APPARENT CHANGE.

AGUAS CLARAS, PROB MILITARY EQUIPMENT AREA 2213N 08323W

25X1D NO MILITARY ACTIVITY OBSERVED.

LA BOCA, INDUSTRIAL CONSTRUCTION 2301N 08245W

25X1D CONSTRUCTION CONTINUES.

25X1D

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THE FOLLOWING TARGETS COULD BE IDENTIFIED,
BUT NOT INTERPRETED --

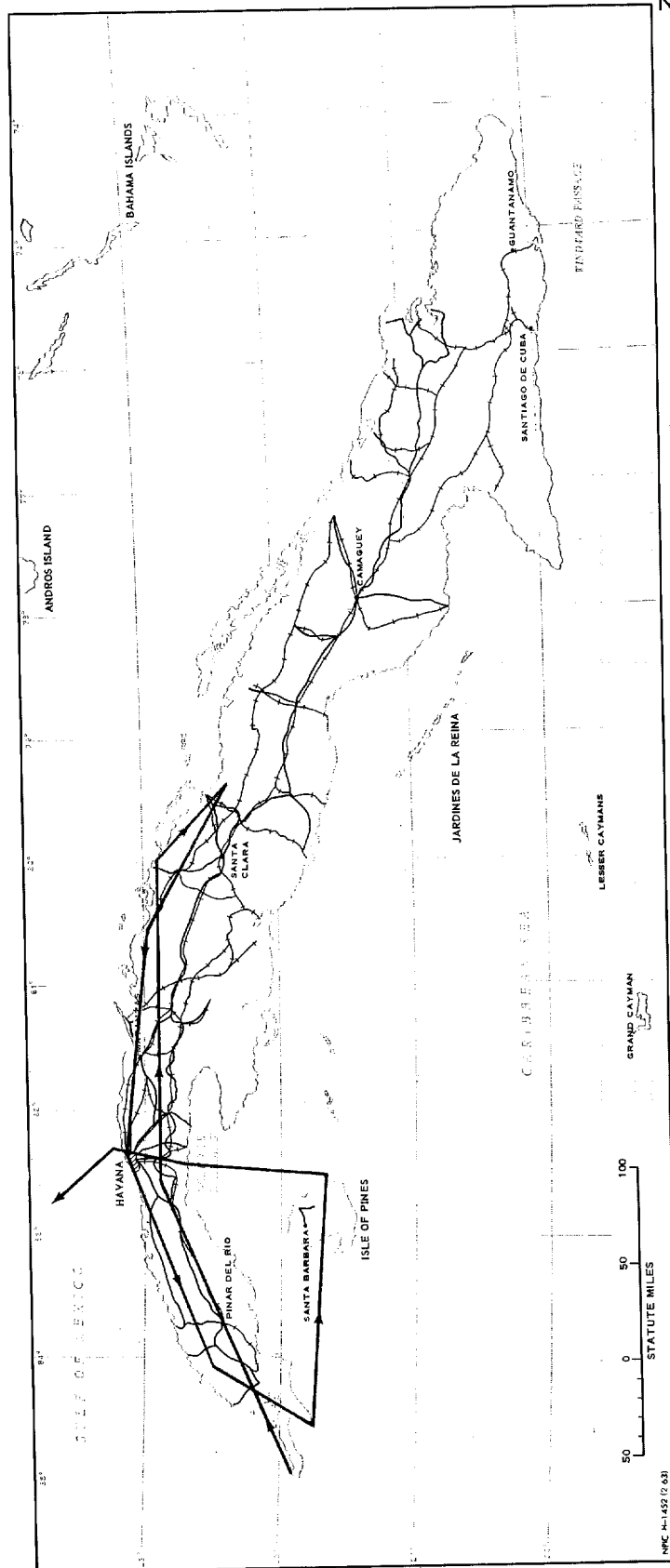
25X1A

SAGUA LA GRANDE MRBM SITE 2	2239N 07951W
REMEDIOS IRBM SITE	2225N 07935W
SANTA LUCIA SAM SITE	2241N 08355W
CORONEL PASCUAL AIRFIELD	2307N 08117W
PURIO, MILITARY AREA	2233N 07952W
NAZARENO, MILITARY AREA	2258N 08214W
PLAYA COLOMO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W

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APPROXIMATE TRACK OF BRASS KNOB MISSION 3449, 25 FEBRUARY 1963

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